

Patent Claims:

1. A coupling device for the sealed coupling of first and second pipe sections which are movable one relative to the other and at the ends of which respective flanges (1, 2) are fastened which are to be mutually sealed, in that the end face of the second flange (2) which is directed toward the first flange (1) an annular groove (4) being configured, in which a sealing element (3) is disposed, and the annular groove (4) being able to be subjected to pressure so as to press the sealing element (3) against the end face of the first flange, characterized in that the sealing element is a sealing ring (3) made of elastic material.

2. The coupling device as claimed in claim 1, characterized in that the annular groove (4) can be subjected to underpressure so as to suck the sealing ring (3) inside the annular groove.

3. The coupling device as claimed in claim 1 or 2, characterized in that the sealing ring (3) has a circular cross section.

4. The coupling device as claimed in one of the preceding claims, characterized in that the annular groove (4) can be subjected to compressed air or underpressure through at least

one duct (5), the duct (5) emerging in the floor of the annular groove (4).

5. The coupling device as claimed in one of the preceding claims, characterized in that the coupling device is disposed in a cleaning, disinfection and drying plant so as to couple the connections of a receiving trolley and of a booth-feed facility of a washing chamber, for the connection of spray heads and nozzles in the receiving trolley, the pipe section being fastened by the flange (1) to the receiving trolley, which can be pushed into the washing chamber of the plant, while the pipe section is fastened in the washing chamber by the second flange (2).